

Converting Colors

XYZ(43.2068, 34.4245, 24.1670)

Have a look what the booklet for
XYZ(43.2068, 34.4245, 24.1670)
contains.

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Color

**XYZ(43.3423, 34.5641,
24.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	E1867E
RGB	225, 134, 126
RGB Percent	88%, 53%, 49%
CMY	0.1176, 0.4745, 0.5059
CMYK	0.00, 0.40, 0.44, 0.12
HSL	5°, 62%, 69%
HSV	5°, 44%, 88%
XYZ	43.3423, 34.5641, 24.1258
YIQ	160.2970, 56.8040, 16.8040

Conversions

Conversions Part 2

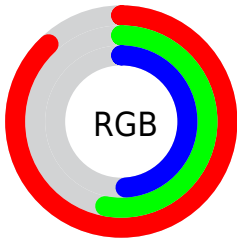
Format	Color
R_{YB}	225, 135, 126
Decimal	14780030
CIE _{Lab}	65.41, 33.96, 19.33
CIE _{LCh}	65, 39.075, 29.657
Yxy	34.5641, 0.4248, 0.3388
Android (android.graphics.Color)	4292970110 (0xFFE1867E)
YUV	160.2970, -16.9084, 56.7445
Hunter-Lab	58.7912, 28.7098, 16.8234

Details

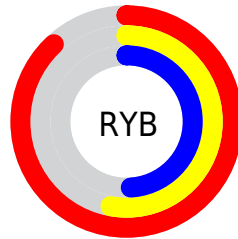
The XYZ color **43.3423, 34.5641, 24.1258** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.0063, 59.4948, 80.2401**, and the grayscale version is **33.6088, 35.3591, 38.5060**.

A 20% lighter version of the original color is **67.3599, 60.4811, 50.7716**, and **20.3692, 14.9378, 8.8309** is the 20% darker color. If you saturate the color by 10%, you get **39.4662, 28.8799, 16.4585**, and if you desaturate by 10%, it is **48.1056, 41.5001, 33.7002**.

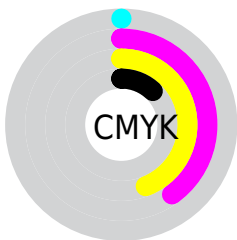
Distribution



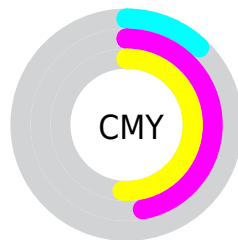
- Red (88%)
- Green (53%)
- Blue (49%)



- Red (88%)
- Yellow (53%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (44%)
- Black (12%)





- Cyan (12%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3423, 34.5641, 24.1258 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 43.3423, 34.5641, 24.1258 by changing the saturation by 10% instead.


 43.3423, 34.5641,
24.1258


 43.3423, 34.5641,
24.1258


350.9153,
322.6401, 286.7629


 30.3495, 23.3273,
15.2139


 79.4796, 66.8099,
51.1818

 20.2534, 14.8354,
8.8214


 103.3549, 88.5878,
70.1630

 12.6887, 8.7039,
4.5296


 131.5883,
114.6480, 93.3377

 7.2900, 4.5486,
1.9202

164.5452,
145.3752, 121.1245

 3.6921, 1.9849,
0.5055

202.5910,
181.1535, 153.9418

 1.5295, 0.5987,
0.0000

246.0910,

 0.3457, 0.0000,

222.3675, 192.2083

0.0000

295.4107,
269.4016, 236.3425

■ 0.0000, 0.0000,
0.0000

■ 43.3423, 34.5641,
24.1258

■ 43.3423, 34.5641,
24.1258

■ 39.4662, 28.8799,
16.4585

■ 48.1056, 41.5001,
33.7002

■ 36.4198, 24.3682,
10.5688

■ 53.8036, 49.7510,
45.2957

■ 34.1429, 20.9483,
6.3141

■ 60.4836, 59.3817,
59.0196

■ 32.5660, 18.5274,
3.5289

■ 68.1890, 70.4513,
74.9709

■ 31.6069, 16.9973,
2.0129

■ 76.9604, 83.0156,
93.2427

■ 31.2707, 16.4464,
1.5263

■ 84.8612, 94.7475,
108.4232

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.0946, 34.5641, 37.8230



43.3423, 34.5641, 24.1258



38.7143, 34.5641, 16.5036

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.3423, 34.5641, 24.1258



24.2615, 34.5641, 23.8842



32.7865, 34.5641, 78.6281

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.3423, 34.5641, 24.1258



47.0063, 59.4948, 80.2401

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



27.6138, 34.5641, 71.8000



43.3423, 34.5641, 24.1258



23.0540, 34.5641, 37.4465

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.3423, 34.5641, 24.1258



27.7153, 34.5641, 16.3952



24.2079, 34.5641, 55.4279



38.5874, 34.5641, 72.0900

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.3423, 34.5641, 24.1258



34.8623, 34.5641, 14.4086



24.2079, 34.5641, 55.4279



30.9208, 34.5641, 77.7972

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.3432, 34.5658, 24.1265



81.2032, 80.1229, 80.1873



51.2195, 36.0124, 70.8558



16.9281, 16.4981, 16.2298



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.3432, 34.5658, 24.1265



52.7077, 38.7856, 22.4300



51.5657, 51.0109, 26.8673



13.7959, 13.8777, 14.2583



18.0533, 9.5445, 0.8908



1.2828, 0.7244, 0.0722

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.0063, 59.4948, 80.2401



58.1471, 75.9467, 106.2022



36.3644, 38.2108, 76.6928



14.0168, 15.3727, 17.6162



20.7030, 28.8755, 45.5307



1.4635, 2.0584, 3.1654

Previews

White Background



This preview shows how the XYZ color 43.3423, 34.5641, 24.1258 looks on a white background.

Color Contrast Check

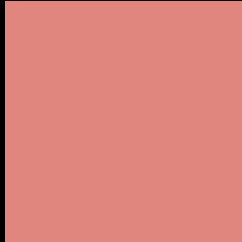
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.3423, 34.5641, 24.1258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

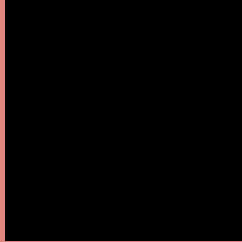
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3423, 34.5641, 24.1258

Background



This preview shows how black text looks on a background with the XYZ color 43.3423, 34.5641, 24.1258.



This preview shows how white text looks on a background with the XYZ color 43.3423, 34.5641,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.3423, 34.5641, 24.1258

Protanopia

32.9219, 34.8467, 29.0357

Deuteranopia

35.4599, 34.7773, 23.5826



Tritanopia

44.4230, 34.5944, 29.5353

Trichromacy



Original Color

43.3423, 34.5641, 24.1258

Protanomaly

35.9485, 34.2253, 27.2657

Deuteranomaly

38.0044, 34.4305, 23.7115

Tritanomaly

44.1955, 34.7214, 27.6651

Monochromacy



Original Color

43.3423, 34.5641, 24.1258

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.1791, 34.4617, 32.7619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3423, 34.5641, 24.1258 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(225, 134, 126)` looks like.

```
.text, #text, p{  
    color:rgb(225, 134, 126)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 134, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 134, 126) }
```

Border

The CSS property to change the border of an element to XYZ 43.3423, 34.5641, 24.1258 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 134, 126) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(225, 134, 126) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(225, 134, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 134, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 134, 126);  
box-shadow:4px 4px 4px 4px rgb(225, 134,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3423, 34.5641, 24.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 134, 126) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225,  
134, 126) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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